

10/591585

2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

T 202.293.7060

F 202.293.7860

www.sughrue.com



September 5, 2006

**MAIL STOP PCT**Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450PCT/JP2005/004140  
-filed March 3, 2005

Re: Application of Masato KOBAYAKAWA, Hideki TOMOZAWA, and Hisayuki  
MIKI  
GALLIUM NITRIDE-BASED SEMICONDUCTOR DEVICE  
Assignee: **SHOWA DENKO K.K.**  
Our Ref: Q80399

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the International Application.
- ☒ one (1) sheet of drawings (Figs. 1-2).
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ Notification Concerning Submission or Transmittal of Priority Document.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references and copy of each reference cited in the ISR.
- ☒ a Preliminary Amendment.

A copy of the Declaration and Power of Attorney, and a copy of the Assignment will be submitted at a later date.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).



SUGHRUE MION, PLLC

Commissioner for Patents

Appln. No.: National Stage of PCT/JP2005/004140

Attorney Docket No. Q80399

Page 2

10/591585  
IAP9 Rec'd PCT/PTO 05 SEP 2006

The Government filing fee, after entry of Preliminary Amendment, is calculated as follows:

Total claims	<u>9</u>	-	<u>20</u>	=	<u>          </u>	x	\$50.00	=	<u>\$0.00</u>
Independent claims	<u>1</u>	-	<u>3</u>	=	<u>          </u>	x	\$200.00	=	<u>\$0.00</u>
Base Fee									<u>\$300.00</u>
Search Fee*									<u>\$400.00</u>
Examination Fee*									<u>\$200.00</u>
<b><u>TOTAL FEE</u></b>									<u><b>\$900.00</b></u>

\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

A check for the statutory filing fee of \$900.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

**Since the anniversary of the priority date fell on a holiday, the filing of this application on Tuesday, September 5, 2006 is sufficient to obtain the benefit of priority.**

Priority/Benefit is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2004-060495	March 4, 2004
U.S. Provisional	60/553,125	March 16, 2004

Respectfully submitted,

Abraham J. Rosner  
Registration No. 33,276

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: September 5, 2006